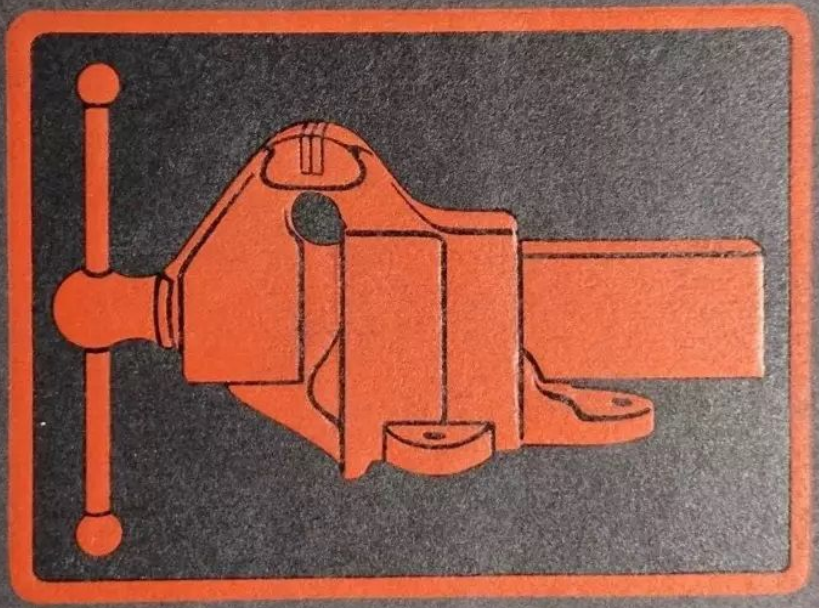
ROCK ISLAND MFG. CO.



ROCK ISLAND, ILL.
NEW YORK CHICAGO

FACTORY ROCK ISLAND MFG. COMPANY

CATALOG "E"

Rock Island Mfg. Company

ROCK ISLAND, ILL.

U. S. A.

NEW YORK.
136 Liberty Street

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45 E. Lake Street

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VISES

For Machinists, Blacksmiths, Steam Fitters, Electricians, Car Builders, Locomotive Works, Gun, Typewriter, Cash Register, Sewing Machine, Wood Workers, Carriage Manufacturers and Mechanics Generally

ROCK ISLAND MFG. CO.
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VISES FOR EVERY TRADE

WRITE FOR DISCOUNTS

Rock Island Patent Automatic Swivel Vise

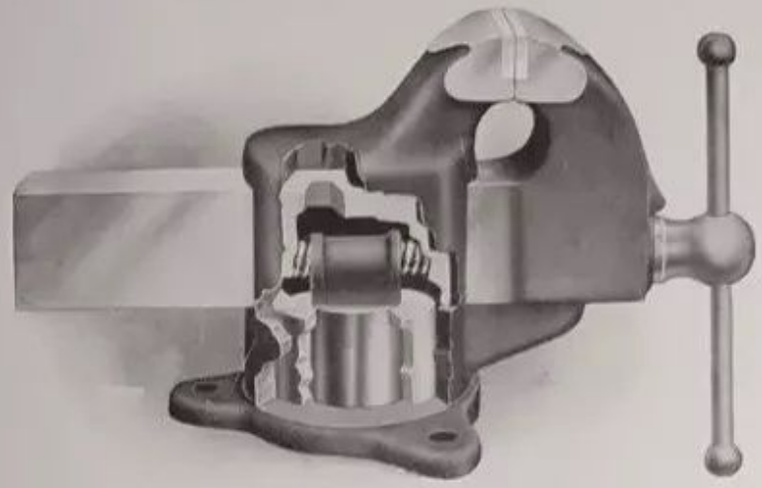
This cut shows our automatic self-locking swivel vise. When the work is fastened in the jaws, the rotation is stopped automatically. No screws, levers, or pins to break, stick, or wear.

There is no lost motion, as in other swivel vises. Guaranteed not to slip a fraction of an inch when work is tightly gripped.

Notice the lines of this vise. Not a pound of metal wasted. It has strength where it is needed.

A mechanic will do twenty per cent more work on account of the automatic locking. He adjusts his work and the vise follows.

Extra bases can be furnished, which can be used on drill press, planer, or other machine tools.



Rock Island Patent Automatic Swivel Vise

This cut shows the simplicity of construction. Has fewer parts than any swivel vise on the market, in fact no more than the ordinary stationary vise. Will send on approval.

MATERIAL: *Casting*, our special alloy; *screw*, cold rolled steel; *handle*, cold rolled steel; *jaws*, crucible cast tool steel, carefully hardened; *nut*, malleable iron.

FINISH: Dead black; finished parts highly polished and lacquered.

Number	Width Jaw	Opens	Weight	List Price
1	1½ in.	2 in.	3 lbs.	$ 6.00
2	2½ in.	2½ in.	11 lbs.	7.50
3	3 in.	4 in.	20 lbs.	9.50
4	3½ in.	5 in.	33 lbs.	11.00
5	4 in.	6 in.	57 lbs.	13.50
6	4⅝ in.	8 in.	75 lbs.	16.50
7	5¼ in.	9 in.	122 lbs.	24.00
8	6 in.	11 in.	140 lbs.	36.00
9	7 in.	12 in.	224 lbs.	45.00

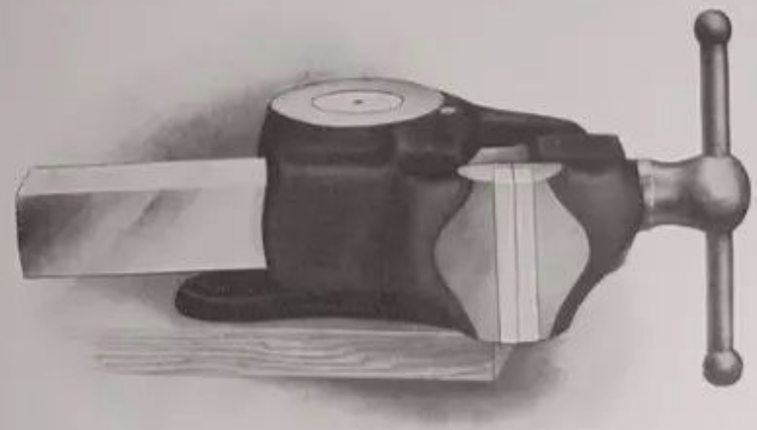
For Repairs see page 46

Rock Island Patent Automatic Universal Swivel Vise

This cut shows another type of self-locking swivel vise.

The body of this vise can be lifted from the base and placed so the length of the jaws are vertical, as shown on opposite page.

This vise is also locked automatically by tightening on the jaws. No pins, levers, or screws to stick or wear. No complicated mechanism to get out of order. Can be locked up or changed to different bases by simply lifting from the base.



Rock Island Patent Automatic Universal Swivel Vise

This cut shows our universal type of swivel vise with jaws vertical. This is a great advantage for some work.

MATERIAL: *Casting*, our special alloy; *screw*, cold rolled steel; *handle*, cold rolled steel; *jaws*, crucible cast tool steel, carefully hardened; *nut*, malleable iron.

Number	Width Jaw	Opens	Weight	List Price
40	1½ in.	2 in.	3 lbs.	$ 7.00
41	2½ in.	2½ in.	11 lbs.	8.50
42	3 in.	4 in.	23 lbs.	10.50
43	3½ in.	5 in.	38 lbs.	12.75
44	4 in.	6 in.	64 lbs.	15.75

For Repairs see page 18

Diamond Stationary Vise with Self-Adjusting Jaws

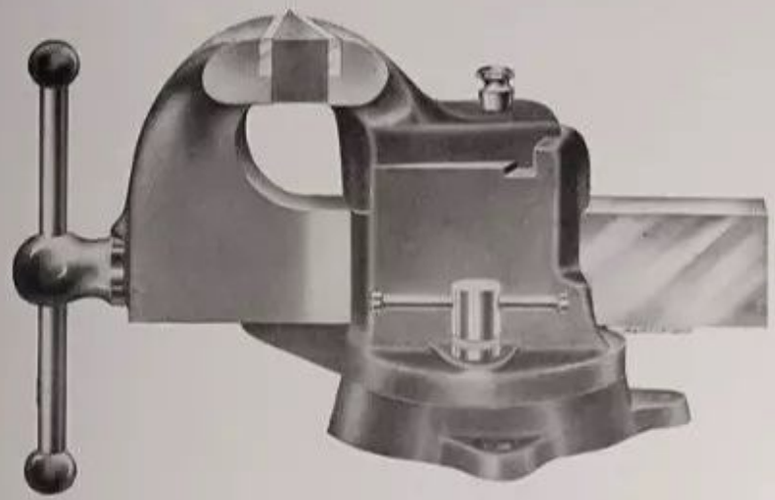
Our self-adjusting jaw vises are lower in design than other manufacturer's, so that they can be placed on same height benches with standard swivel and stationary vises. Workmen do not have to stand on platforms to work at our self-adjusting jaw vises. This feature should not be overlooked when buying self-adjusting jaw vises.

The back jaw of this vise is *self-adjusting*, and when in use conforms *automatically* to any angle and makes firm the object held. The *self-adjusting* jaw feature is of such a design that it is absolutely as strong and durable as a solid jaw. Other manufacturers do not use this design because it costs more to build.

Note that we have changed the list and added some sizes to this line. It is now standard.

Number	Width Jaw	Opens	Weight	List Price
81	3½ in.	5 in.	30 lbs.	$ 7.00
82	4 in.	6½ in.	48 lbs.	9.00
83	4½ in.	7½ in.	58 lbs.	10.50
84	5 in.	7½ in.	78 lbs.	14.00
85	5½ in.	9 in.	110 lbs.	17.00
86	6 in.	10 in.	146 lbs.	24.00
87	7 in.	12 in.	195 lbs.	30.00

For Repairs see page 52



Diamond Swivel Vise with Self-Adjusting Jaw

Our standard swivel vise with self-adjusting jaw. This vise can be turned in any position on an axis parallel with the floor, and is locked by a clamping bolt which works in a channel.

This vise is lower in design than other manufacturer's, so that they can be placed on same height bench with standard swivel and stationary vises. Workmen do not have to stand on platforms to work at our self-adjusting jaw vises. Don't forget this feature when buying self-adjusting jaw vises.

The back jaw of this vise is *self-adjusting*, and when in use conforms *automatically* to any angle and makes firm the object held. The *self-adjusting* jaw feature is of such a design that it is absolutely as strong and durable as a solid jaw. Other manufacturers do not use this design because it costs more to build.

Number	Width Jaw	Opens	Weight	List Price
50	3½ in.	5 in.	37 lbs.	$ 8.75
51	4 in.	6½ in.	53 lbs.	10.50
52	4½ in.	7 in.	70 lbs.	12.50
53	5 in.	7½ in.	95 lbs.	16.00
54	5½ in.	8½ in.	125 lbs.	22.00
55	6 in.	11 in.	158 lbs.	27.00
56	7 in.	12 in.	220 lbs.	35.00

For Repairs see page 53

Rock Island Stationary Vise

This vise is preferred by those who want a low type vise. It is not so high on the bench as the Diamond or Bull Dog pattern, but has all the high character of material, workmanship and finish.

This vise is very strong and durable.

MATERIAL: *Casting*, our special alloy; *screw*, cold rolled steel; *handle*, cold rolled steel; *jaws*, crucible cast tool steel, carefully hardened; *nut*, malleable iron.

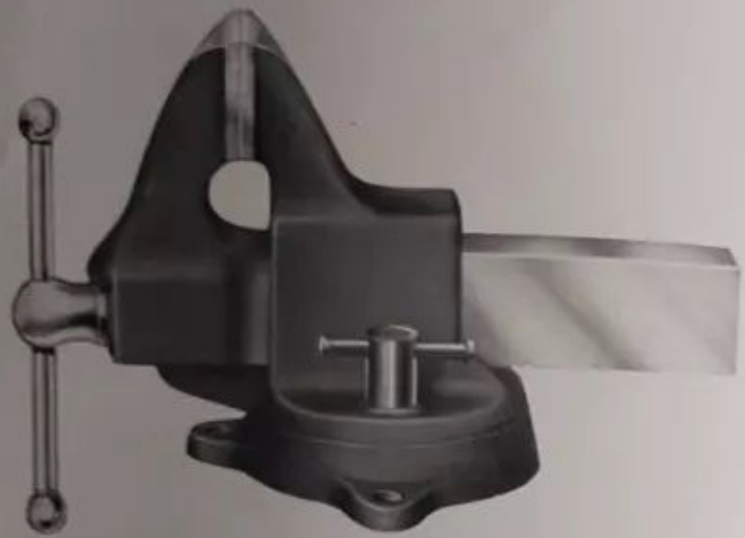
Number	Width Jaw	Opens	Weight	List Price
61	3½ in.	5 in.	27 lbs.	$ 7.00
62	4 in.	6½ in.	39 lbs.	8.50
63	4⅝ in.	7½ in.	55 lbs.	10.00
64	5¼ in.	8½ in.	83 lbs.	15.50
65	6 in.	11 in.	127 lbs.	25.00
66	7 in.	12 in.	185 lbs.	30.00
67	8 in.	12½ in.	276 lbs.	45.00
68	8½ in.	12½ in.	286 lbs.	50.00

For Repairs see page 49

Rock Island Stationary Heavy Railroad or Chipping Vise

This is the largest and heaviest vise on the market. Made especially to supply a demand for a vise of this class for use in railroad machine shops and steel mills. This vise will stand any kind of hard use to which a vise is subjected. Absolutely guaranteed.

See No. 68, opposite page, for specifications and price.



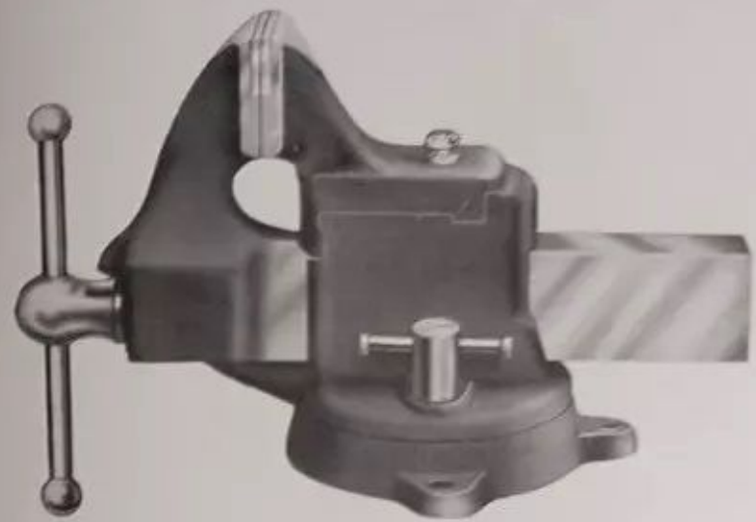
Rock Island Swivel Wood Worker's Vise

This vise can be turned in any position on an axis parallel with the floor, and is locked by a clamping bolt which works in a channel. The grip is positive, absolutely will not slip. This vise has all the qualities in design, material, workmanship and finish as the Stationary Wood Worker's vise. Every one guaranteed.

MATERIAL: *Casting*, our special alloy; *screw*, cold rolled steel; *handle*, cold rolled steel; *jaws*, crucible cast tool steel, carefully hardened; *nut*, malleable iron.

Number	Width Jaw	Opens	Weight	List Price
155	4¼ in.	7 in.	53 lbs.	$10.50
156	4½ in.	11 in.	66 lbs.	12.50

For Repairs see page 61



Rock Island Swivel Wood Worker's Vise with Self-Adjusting Jaw

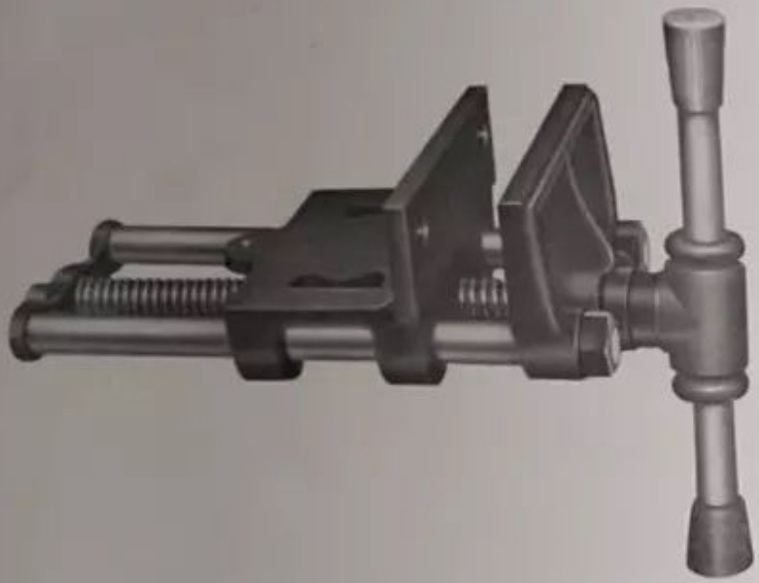
This vise has the same design, material, finish, etc., as the Swivel Wood Worker's vise, but has the self-adjusting jaw feature.

The back jaw of this vise is *self-adjusting*, and in use conforms *automatically* to any angle and makes firm the object held. The *self-adjusting* jaw feature is of such a design that it is absolutely as strong and durable as a solid jaw. Other manufacturers do not use this design because it costs more to build.

MATERIAL: *Casting*, our special alloy; *screw*, cold rolled steel; *handle*, cold rolled steel; *jaws*, crucible cast tool steel, carefully hardened; *nut*, malleable iron.

Number	Width Jaw	Opens	Weight	List Price
157	4¼ in.	7 in.	62 lbs.	$10.50
158	4½ in.	11 in.	76 lbs.	12.50

For repairs see page 61

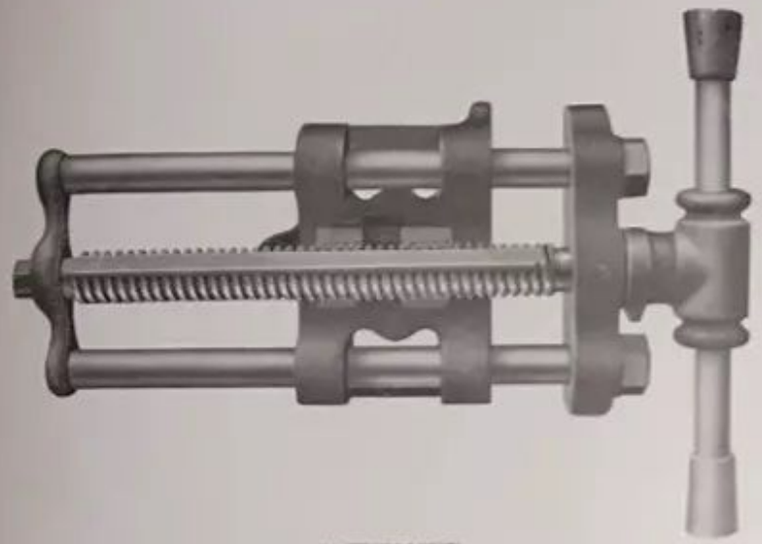


Rock Island Quick-Acting Wood Worker's Vise

The Rock Island Quick Acting Wood Worker's Vise is the most simply constructed vise on the market. Has fewer parts than any other. We use no triggers, springs or complicated mechanism to break or get out of order.

This vise is especially adapted for manual training and trade schools.

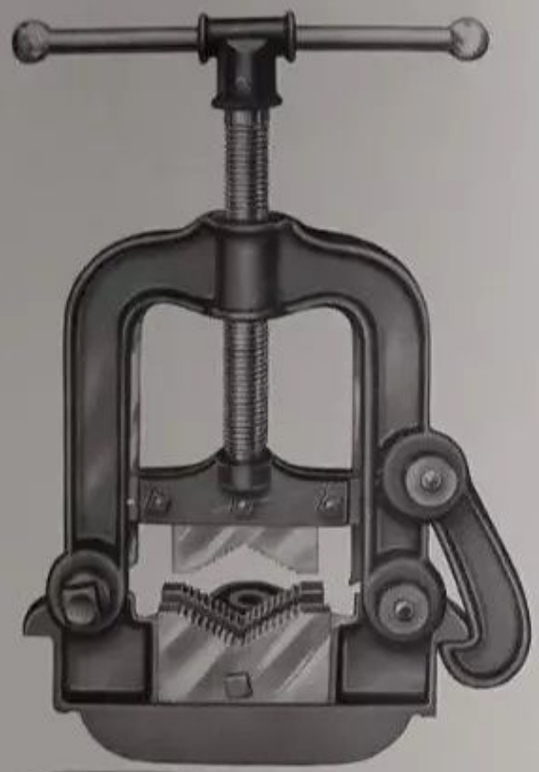
The material and finish of this vise is the same high standard as our other types. The jaws are a very good grade of cast iron. The guide bars and screw are cold rolled steel. The nut is malleable iron. Each part is subjected to a rigid inspection, and is guaranteed.



BOTTOM VIEW

Rock Island Quick-Acting Wood Worker's Vise

Number	Length Jaws	Depth Jaws	Opens	Weight	List Price
161	7 in.	4 in.	9 in.		$ 6.00
162	7 in.	4 in.	12 in.		6.50
163	7 in.	4 in.	14 in.		7.00
164	7 in.	4 in.	16 in.		7.50
165	10 in.	4 in.	12 in.		8.50
166	10 in.	4 in.	14 in.		8.50
167	10 in.	4 in.	16 in.		9.00
168	10 in.	4 in.	18 in.		9.50
169	10 in.	4 in.	20 in.		10.00



Rock Island Pipe Vise

SELF-LOCKING TYPE

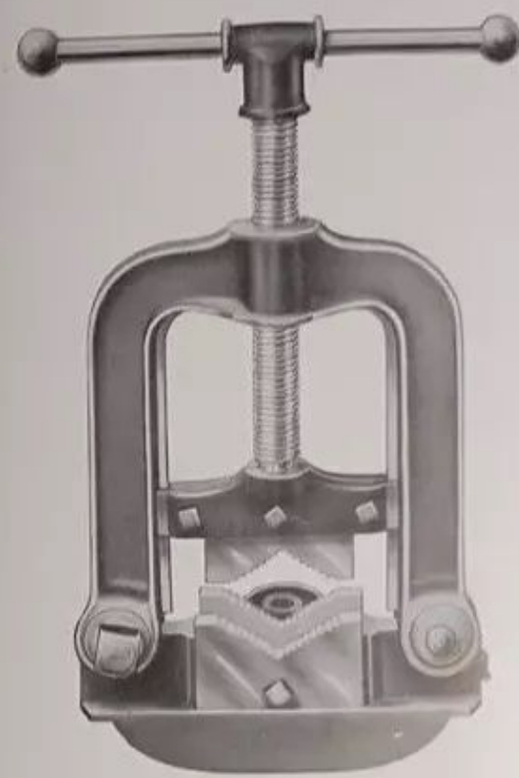
The base has lugs on both sides, so that the latch may hang on either side.

The material is the same as the hinged type.

The same care is used in the finish of these tools that is characteristic of our entire line.

Number	Capacity	List, Vise	List, Jaws, Set
115	Pipe, ⅛ to 2½ in.	$10.00	$3.75
116	Pipe, ¼ to 3½ in.	14.00	5.25
117	Pipe, ½ to 4½ in.	20.00	7.50

For Repairs see page 59



Rock Island Hinged Pipe Vise

The body and base are malleable.

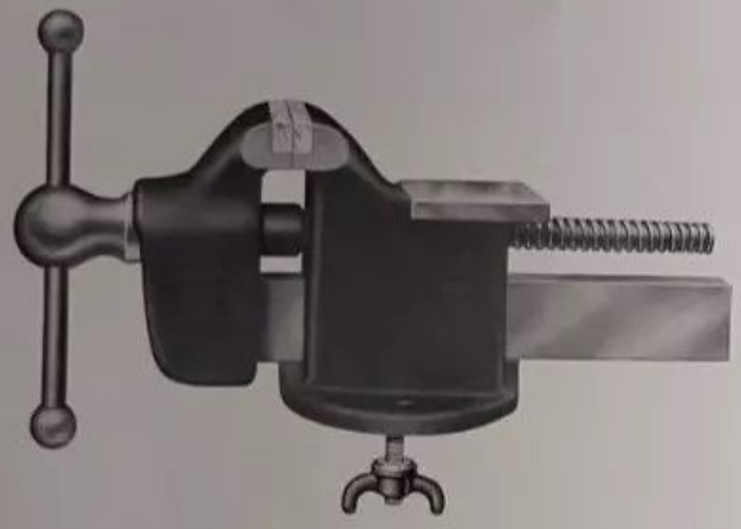
The screw and handle are cold rolled steel.

The jaws are crucible cast tool steel.

By using this class of material we are able to offer the best pipe vise of this type on the market.

Number	Capacity	List, Vise	List, Jaws, Set
110	Pipe, ⅛ to 2½ in.	$10.00	$3.75
111	Pipe, ¼ to 3½ in.	14.00	5.25
112	Pipe, ½ to 4½ in.	20.00	7.50

For Repairs see page 58

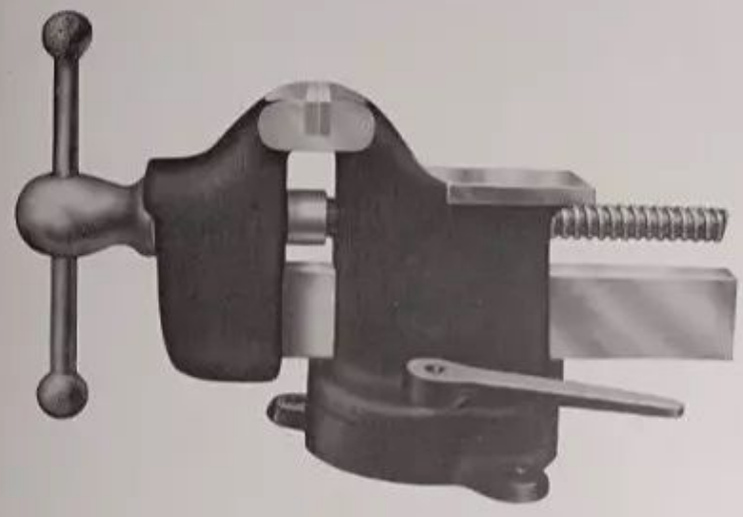


Rock Island Steel Beam Vise
Stationary Type

These vises have steel beams, or sliding bars, steel screws, cold rolled steel handles, and crucible tool steel jaws. The vise is so designed that there is an anvil provided. All finished parts are highly polished, and we are sure this is the best finished vise of this type on the market. Each vise is furnished with a center bolt, nut and washer for fastening to bench. Also provided with bolt holes for permanently fastening to bench.

Number	Width Jaw	Opens	Weight	List Price
351	2½ in.	3 in.	11 lbs.	$2.00
352	3 in.	3½ in.	13 lbs.	2.40
353	3½ in.	4 in.	19 lbs.	2.75
354	4 in.	6 in.	30 lbs.	4.00
355	4½ in.	7½ in.	45 lbs.	6.00

For Repairs see page 62



Rock Island Steel Beam Swivel Vise

This vise is the same as the Rock Island Steel Beam Stationary vise, but provided with a swivel base. This vise can be quickly turned on the base, or securely fastened by the lever.

Number	Width Jaw	Opens	Weight	List Price
341	2½ in.	3 in.	12 lbs.	$2.25
342	3 in.	3½ in.	15 lbs.	2.65
343	3½ in.	4 in.	20 lbs.	3.00
344	4 in.	6 in.	32 lbs.	4.50
345	4½ in.	7½ in.	50 lbs.	6.75

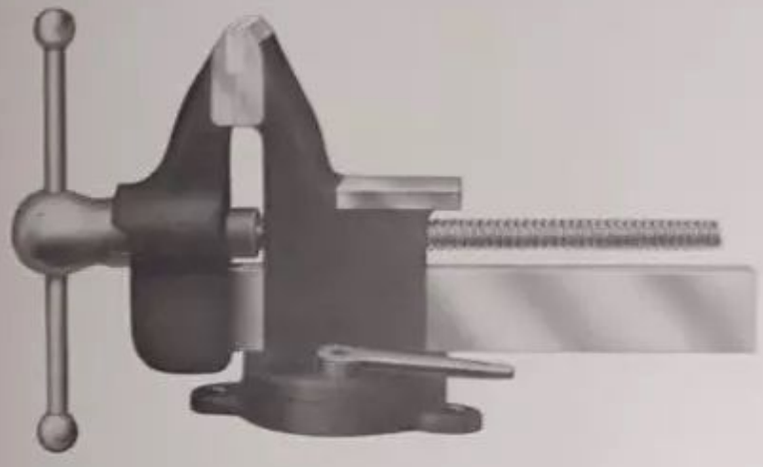
For Repairs see page 62

Rock Island Stationary Steel Beam Wood Worker's Vise

This vise has steel beam or sliding bar, steel screw, cold rolled steel handle and crucible tool steel jaws, same as the Steel Beam Stationary vise, but is in the Wood Worker's style. The finish, etc., is also the same.

Number	Width Jaw	Opens	Weight.	List Price
331	4½ in.	9 in.	44 lbs.	$6.25

For Repairs see page 62



Rock Island Swivel Steel Beam Wood Worker's Vise

Similar in construction to the Stationary of this type, but with swivel base added, which allows vise to be quickly turned to any position, and securely locked by side lever.

Number	Width Jaw	Opens	Weight	List Price
332	4½ in.	9 in.	47 lbs.	$7.25

For Repairs see page 62

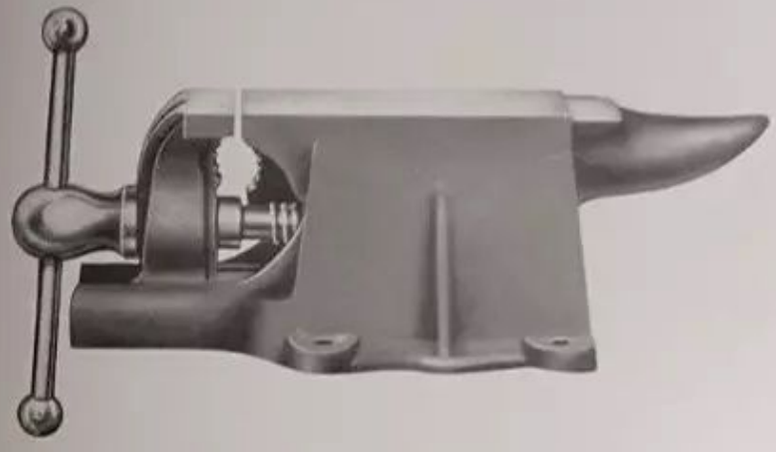
Combination Anvil Vise Drill

The most practical combination vise ever offered. Can be used as an anvil and also designed so that it can be changed from vise to drill instantly. Or the vise will hold work while it is being drilled.

It is a strong, durable tool. The slide or draw bar is a heavy T beam section. Castings are of our special alloy. Handle is tool steel. Jaws are provided with crucible cast tool steel. Anvil and finished parts highly polished and lacquered.

Number	Width Jaw	Opens	Weight.	List Price
390	3½ in.	12 in.	52 lbs.	$6.00

For repairs see page 63



Rock Island Anvil Vise

Anvil and vise combined, with jaws for holding pipe.

This vise is intended only for light work. This is the best finished vise of this type on the market. Has steel screw with cut threads, steel nut, and cold rolled steel handle. Anvil and all finished parts highly polished and lacquered.

Number	Width Jaw	Opens	Weight	List Price
380	3 in.	5 in.	26 lbs.	$2.00

For repairs see page 63

Rock Island Sensitive Bench Drill

This tool is designed for light, rapid drilling up to 5-16 holes.

The *spindle* is driven by a 1-inch flat belt. It has two speeds, a cut rack and pinion feed, and an adjustable stop to gauge the depth of holes. It is entirely relieved of belt strain, and is counterbalanced by a spring inside of frame, making it extremely sensitive and uniform to the touch. It is also provided with means for taking up lost motion, and has a nut above the taper for removing the chuck.

The *countershaft* is attached to the frame, and can be placed directly under the line shaft, thus avoiding the trouble and expense of putting up a countershaft.

Dimensions: Greatest distance from spindle to table, 8½ inches; vertical movement of spindle, 2 inches; vertical adjustment of table, 5 inches; diameter of table, 8 inches; distance from center of spindle to frame, 5 inches; drill capacity, 0 to 5-16 inches; weight, 50 pounds.

Price, each $25.00

Rock Island Blacksmith's Drill

This is a strong and substantial drill. It will do good work on all kinds of light drilling. Spindle is bored for one-half inch round shank drills.

Our drill is carefully made and well finished.

Number	Length	Adjustment	Weight	List Price
600	20 in.	12 in.	29 lbs.	$2.40

Rock Island Ratchet Jackscrew

Write for prices, etc., on ratchet jack-screws.

Rock Island Semi-Steel Anvils

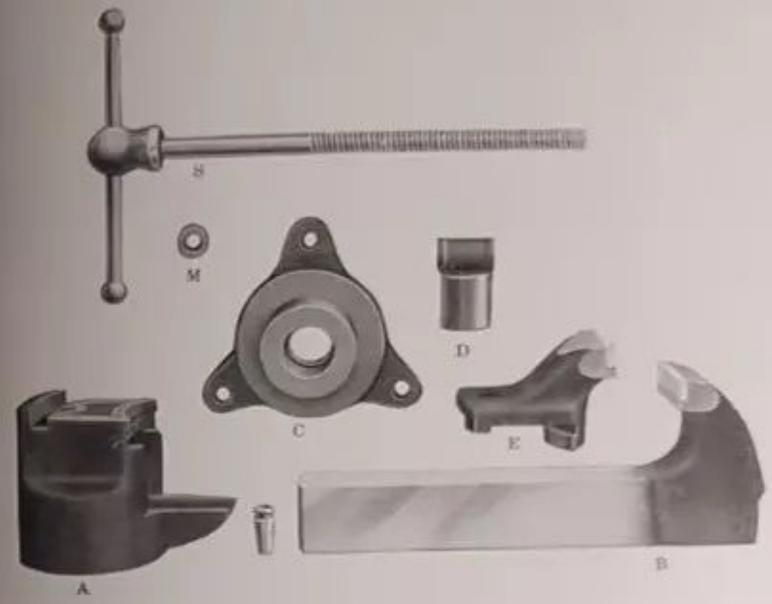
This is an ideal anvil for farm or light shop use. Have a large percentage of steel in the mixture, which makes them hard and tough. The anvil is well finished, the top being true and well polished. Made in three sizes only: 50 lbs., 70 lbs., and 100 lbs. each.

Write for price per pound. It will surprise you.

Rock Island Automatic Swivel Vise Repairs

No of Vise	Width of Jaw	A Body	B Sliding Jaw	C Base	D Nut	S Screw Handle	M Collar Screw
1	1½	1A	1B	1C	1D	1S	1M
2	2½	2A	2B	2C	2D	2S	2M
3	3	3A	3B	3C	3D	3S	3M
4	3½	4A	4B	4C	4D	4S	4M
5	4	5A	5B	5C	5D	5S	5M
6	4⅝	6A	6B	6C	6D	6S	6M
7	5¼	7A	7B	7C	7D	7S	7M
8	6	8A	8B	8C	8D	8S	8M
9	7	9A	9B	9C	9D	9S	9M

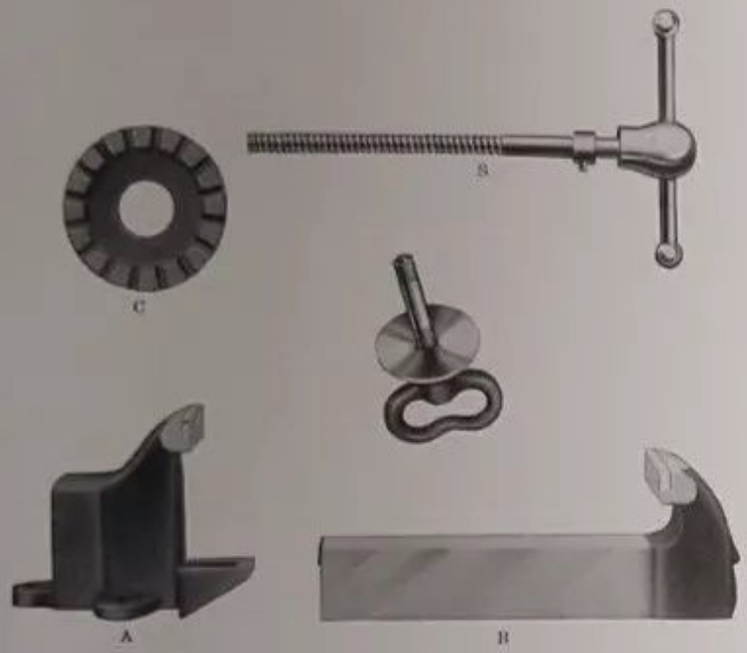
Order Repair Parts by Letter



Automatic Swivel Adjustable Jaw Vise Repairs

No. of Vise	Width of Jaw	A Body	B Sliding Jaw	Adj. Jaw and Pin	C Base	D Nut	S Screw Handle	M Collar Screw
20	3½	20A	20B	20E	20C	20D	20S	20M
21	4	21A	21B	21E	21C	21D	21S	21M
22	4⅝	22A	22B	22E	22C	22D	22S	22M
23	5¼	23A	23B	23E	23C	23D	23S	23M
24	6	24A	24B	24E	24C	24D	24S	24M
25	7	25A	25B	25E	25C	25D	25S	25M

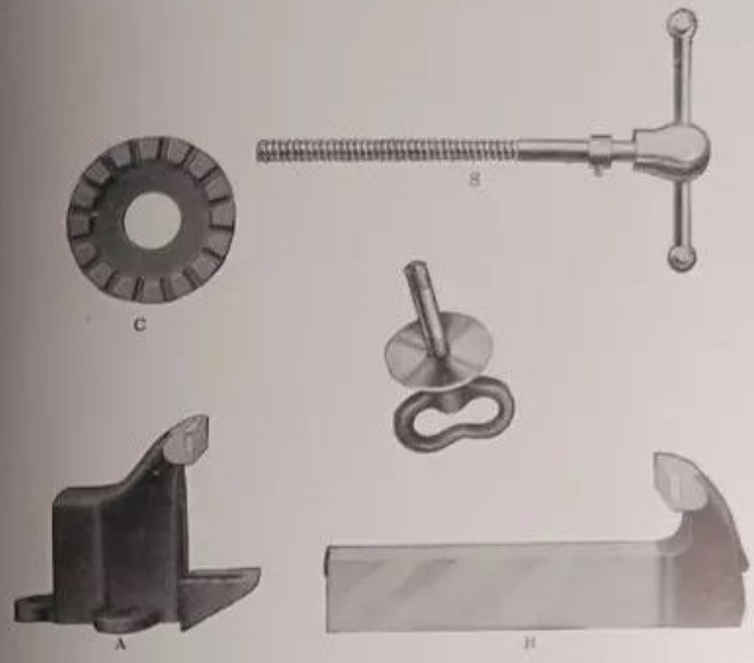
Order Repair Parts by Letter



Acme Swivel Vise Repairs

No. of Vise	Width of Jaw	A Body	B Sliding Jaw	C Base	D Nut	S Screw Handle	M Collar
121	3 in.	121A	121B	121C	121D	121S	121M
122	3½ in.	122A	122B	122C	122D	122S	122M
123	4 in.	123A	123B	123C	123D	123S	123M
124	4½ in.	124A	124B	124C	124D	124S	124M
125	5 in.	125A	125B	125C	125D	125S	125M
126	5½ in.	126A	126B	126C	126D	126S	126M
127	6 in.	127A	127B	127C	127D	127S	127M

Order Repair Parts by Letter



Acme Stationary Vise Repairs

No. of Vise	Width of Jaw	A Body	B Sliding Jaw	C Base	D Nut	S Screw Handle	M Collar
131	3 in.	131A	131B	131C	131D	131S	131M
132	3½ in.	132A	132B	132C	132D	132S	132M
133	4 in.	133A	133B	133C	133D	133S	133M
134	4½ in.	134A	134B	134C	134D	134S	134M
135	5 in.	135A	135B	135C	135D	135S	135M
136	5½ in.	136A	136B	136C	136D	136S	136M
137	6 in.	137A	137B	137C	137D	137S	137M

Order Repair Parts by Letter